

# Map & Photo Legend



Old Harbor Lagoon entrance viewed from the southeast.



Free-oil Containment and Recovery, Shallow Water



Airport



Exclusion Booming

Road



Culvert Blocking



Bears in Area, Guards Recommended

Protected-water Boom

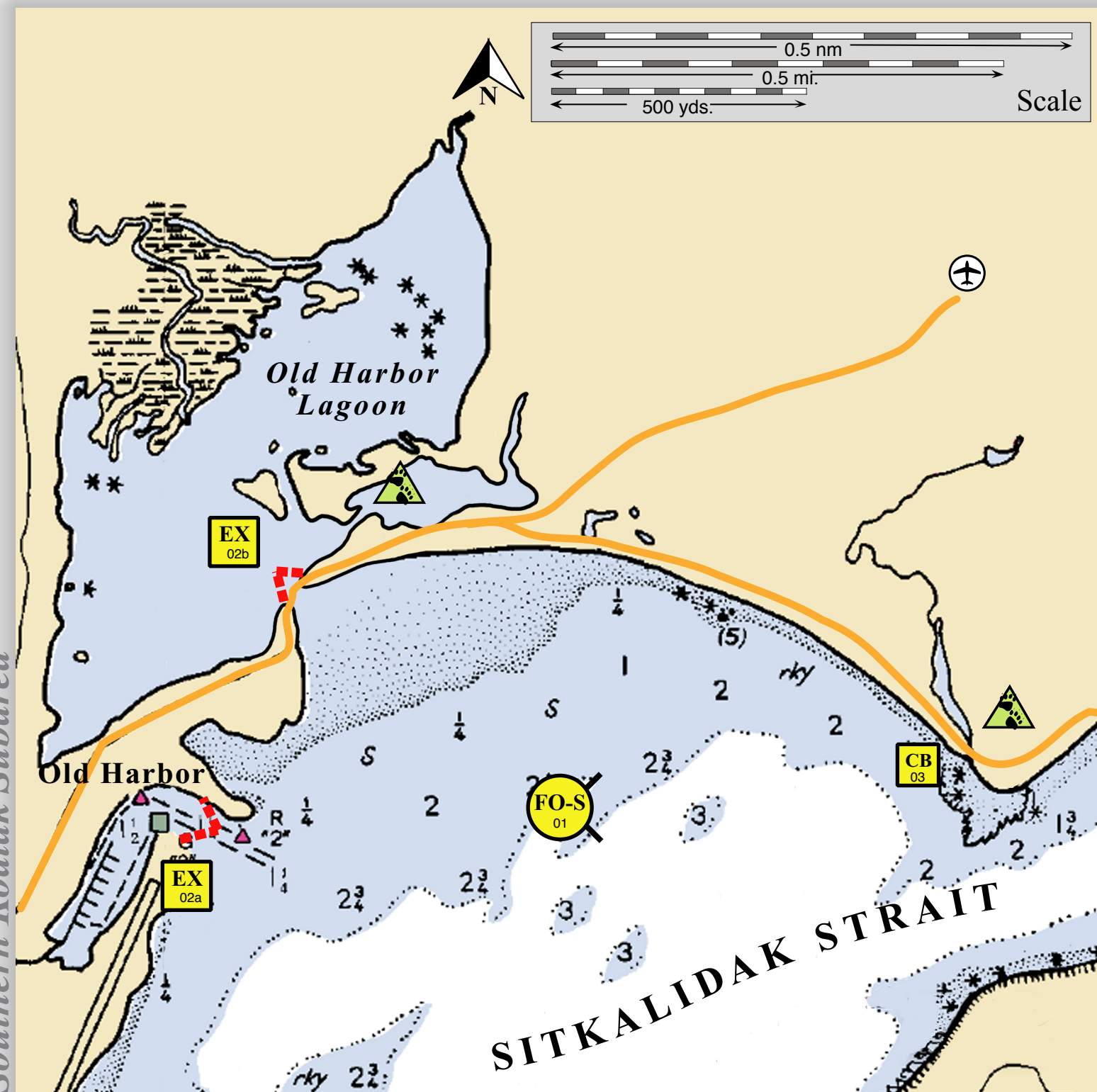


Old Harbor Small Boat Harbor viewed from the southeast.

## Geographic Response Strategies for Southern Kodiak Subarea

# Old Harbor & Lagoon, K-81




Center of map at 57° 12.4' N Lat., 153° 17.3' W Lon.



This is not intended for navigational use.

Soundings in fathoms



ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
K-81-01 	<b>Old Harbor Lagoon</b> Nearshore waters in the general area of:  Lat. 57°12.43'N Lon. 153°17.38'W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Old Harbor Lagoon depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Old Harbor Lagoon.  Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts the sensitive areas in Old Harbor Lagoon.	Vessel Platform	Via marine waters  Chart 16592-1	Same as K-81-02	Vessel master should have local knowledge.  Use extreme caution, shoal waters with numerous reefs and rocks.
K-81-02 	<b>Old Harbor Lagoon</b> a. Lat. 57°12.50'N Lon. 153°17.92'W b. Lat. 57°12.73'N Lon. 153°17.77'W	<b>Exclusion</b> Exclude oil from entering or leaving the harbor and the Old Harbor Lagoon.	Deploy anchors and boom for the harbor with a skiff. Place the array in a chevron pattern.  For the lagoon, deploy at low tide. Place the boom in a chevron pattern inside the lagoon. Use a small raft to deploy the anchor systems that cannot be deployed manually.  Tend throughout the tide.  <u>Boom Lengths:</u>  a. 650 ft.  b. 450 ft.	<b>Deployment Equipment</b> 1100 ft. protected-water boom 6 ea. small anchor systems 8 ea. anchor stakes <b>Vessels</b> 1 ea. class 6 1 ea. raft <b>Personnel/Shift</b> 2 ea. vessel crew/general tech <b>Tending Vessels</b> 1 ea. raft <b>Personnel/Shift</b> 2 ea. vessel crew/general tech	Old Harbor Small Boat Harbor	Via road system  Chart 16592-1	Fish- intertidal spawning- salmon (May-Sept.), herring(April-May)  Birds-waterfowl concentration, seabird nesting  Marine mammals- seals, otters  Habitat- marsh, gravel beach  Human uses-commercial fishing, sport fishing, subsistence	Vessel master should have local knowledge.  A large population of bears are in the area. A bear guard is required.  Site surveyed 05/22/08  Tested: not yet
K-81-03 	<b>Old Harbor Lagoon</b>  Lat. 57°12.58'N Lon. 153°16.64'W	<b>Culvert Blocking</b> Exclude the flow of oil into the stream passing under the road Lagoon by blocking the culvert.	Place plywood or similar sheeting material across the entrance of the culvert. Use plastic sheeting to ensure the seal. Stack adequate sandbags against the plywood sheeting to counter the out flow pressure from the intertidal area.  An underflow dam maybe created s to allow stream flow on the ebb tide.  Monitor the block to ensure integrity.	<b>Deployment Equipment</b> Plywood sheeting 100 sand bags Plastic sheeting <b>Transport</b> 1 ea. Truck <b>Personnel/Shift</b> Same as K-81-02 <b>Tending Vessels/Personnel/Shift</b> Same as K-81-02	Old Harbor Small Boat Harbor Parking Lot	Via road system  Chart 16592-1	Same as K-81-02	Tested: not yet